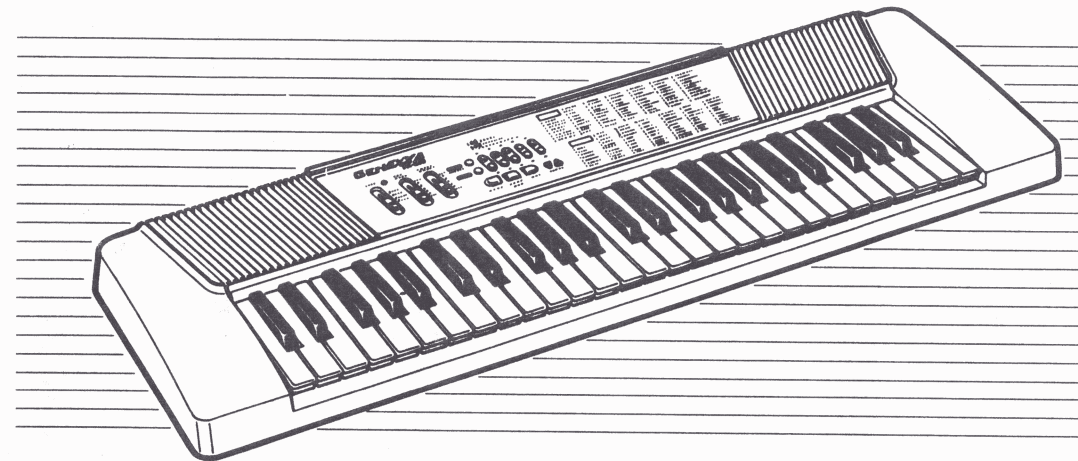

InterTAN WARRANTY

InterTAN warrants that this product will be free from defects in materials and workmanship for a period of one (1) year from the date of purchase. Within this period, simply take the product and your proof of purchase to any InterTAN store or dealer and the product will be repaired without charge for parts and labour. InterTAN reserves the right to charge for transportation. Any product which has been subject to misuse or accidental damage is excluded from this warranty.

This warranty is only applicable to a product purchased through InterTAN's company owned stores and dealers and to a product that is presented for repair in a country where InterTAN offers the product for sale. While this warranty does not confer any legal rights other than those set out above, you may have additional statutory rights which will vary under the laws of the various countries, states, provinces and other governmental entities in which InterTAN operates. This warranty is subject to all statutory rights you may have in the country of purchase.

WE SERVICE WHAT WE SELL



ASSEMBLED IN MEXICO IMPORTED FOR/IMPORTÉ POUR
InterTAN CANADA LTD. BARRIE, CANADA L4M 4W5
InterTAN AUSTRALIA LTD. A.C.N. 002 511 944
InterTAN U.K. LTD., WEST MIDLANDS, WS2 7PS
TRADEMARK OF InterTAN INC.

42-7445

GENEXA™

FEATURES

Your Genexxa PK-200 Electronic Keyboard is a state-of-the-art musical instrument with many special features. It can sound like 100 different musical instruments or sound effects. This versatile keyboard is ideal for anyone who wants to make music from the beginner to the experienced musician. The keyboard's preprogrammed rhythms and accompaniments make it easy and fun.

Its features include:

Standard Size Keys — make it easy for you to transfer what you learn using the PK-200 to other keyboard instruments.

8-Note Polyphonic Sound — lets you hear up to 8 notes at the same time so you can play or create almost any piece of music.

100 Sounds — let you choose from 100 different sounds to make your keyboard sound like everything from a banjo to an insect.

Poly/Texture — lets you switch between an eight-note polyphonic setting and a four-note polyphonic setting.

100 Rhythms — give you a steady beat for almost any style of music, from waltz to rock.

Tempo Controls — let you speed up or slow down the tempo of a selected pattern of music.

Auto Accompaniment — automatically plays a harmonic pattern that matches the selected preprogrammed rhythm.

Fill-In Rhythm — inserts a short variation within the selected preprogrammed rhythm.

Built-In Demonstration Tune — lets you hear a sample of what you and the keyboard can do.

Two Built-In Speakers — provide stereo sound to make your music come alive.

Three Power Sources — let you power the keyboard from internal batteries, standard AC power (with an optional adapter), or your vehicle's battery (with an optional adapter) so you can make music anywhere.

Output Jack — lets you connect headphones for private listening, or an external amplifier so you can play for a crowd.

To discover all the features and functions of this keyboard, follow this manual from beginning to end.

Note: This owner's manual explains how to use this keyboard. It does not teach music.

Your equipment might cause TV or radio interference even when it is operating properly. To eliminate interference, you can try one or more of the following corrective measures:

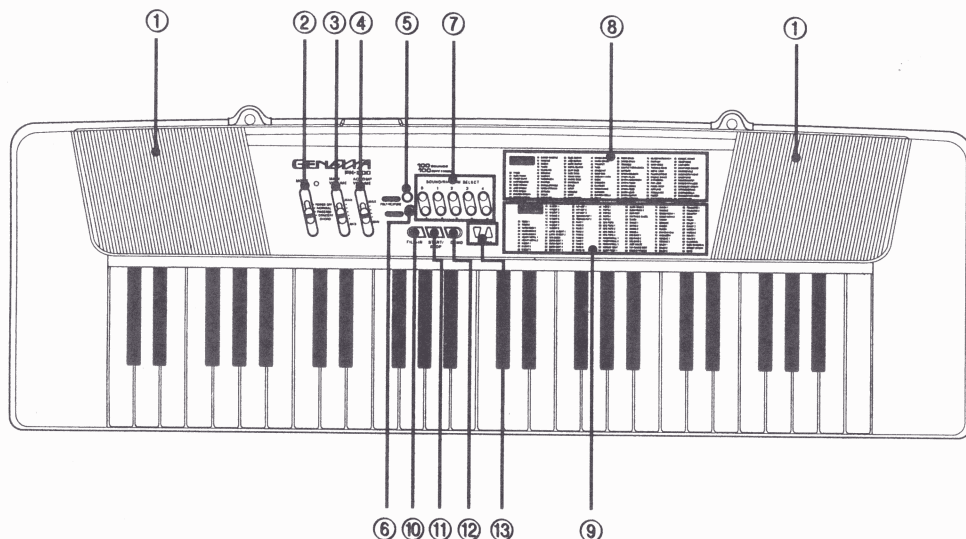
- Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and the Radio or TV.
- Use outlets on different electrical circuits for the equipment and the radio or TV.

Consult your local Tandy store or an experienced radio/TV technician if the problem still exists.

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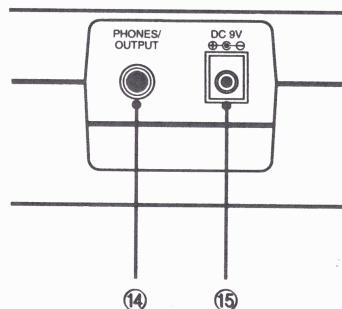
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CONTROL LOCATIONS



- ① Speaker
- ② MODE Selector
- ③ MAIN VOLUME Control
- ④ ACCOMP VOLUME Control
- ⑤ SOUND POLY/TEXTURE Button
- ⑥ RHYTHM Button
- ⑦ SOUND/RHYTHM SELECT Buttons
- ⑧ SOUNDS List
- ⑨ RHYTHMS List
- ⑩ FILL-IN Button
- ⑪ START/STOP Button
- ⑫ DEMO Button
- ⑬ TEMPO Buttons

< Rear panel >



- ⑭ PHONES/OUTPUT Jack
- ⑮ DC 9V Jack

CHOOSING A POWER SOURCE

You can power your keyboard from any of these sources:

- Six AA batteries
- Standard AC power (with an optional AC adapter)
- Vehicle battery (with an optional DC adapter).

- Replace all six batteries at one time. Do not mix old and new batteries.

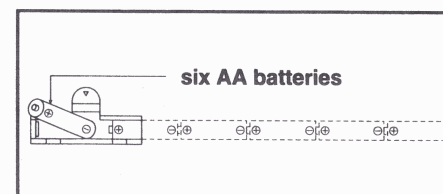
- When you connect an AC or DC adapter, the batteries are disconnected.

Caution: If you do not plan to use the keyboard with batteries for a week or more, remove the batteries. They might leak chemicals that can damage the keyboard's electronic circuits.

USING BATTERIES

To power your keyboard from batteries, you need six AA batteries. We recommend alkaline batteries such as Cat. No. 23-552.

Follow these steps to install the batteries.



1. Be sure **MODE** is set to **POWER OFF**.
2. Open the battery compartment cover on the bottom of the unit.
3. Put six AA batteries in the compartment as indicated by the polarity symbols (+ and -) marked in the compartment.
4. Replace the cover.

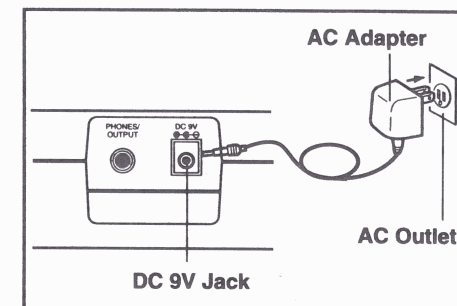
Notes:

- Fresh alkaline batteries last for about 3 hours. If the keyboard sounds weak or does not work properly, replace the batteries.

USING AC POWER

To power your keyboard from standard AC power, you must use an AC adapter. Refer to your local Tandy store for the proper adapter.

Caution: You must use an AC adapter that supplies 9 volts and delivers at least 600 milliamps. Its center tip must be set to negative, and its plug must correctly fit the keyboard's **DC 9V** jack. Using another kind of adapter could seriously damage the keyboard or adapter.



1. Set **MODE** to **POWER OFF**.
2. Insert the adapter's barrel plug into the keyboard's **DC9V** jack.
3. Plug the adapter's AC plug into a standard AC outlet.

Note: It is normal for adapter to become warm after using it for a while.

4. Always disconnect the adapter when you finish using the keyboard.

Caution: To prevent a possible short circuit, always unplug the adapter from the outlet first.

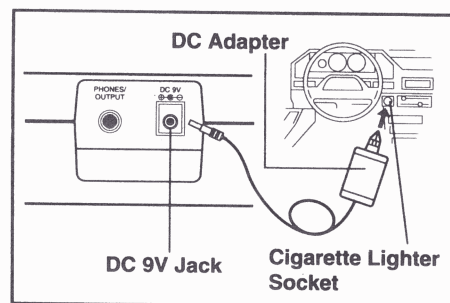
USING A VEHICLE BATTERY POWER

To power your keyboard from your vehicle's battery, you must use a DC adapter. Refer to your local Tandy store for proper adapter.

Cautions:

- You must use a DC adapter that supplies 9 volts and delivers at least 600 milliamps. Its center tip must be set to negative, and its plug must correctly fit the keyboard's **DC 9V** jack. Using another kind of adapter could seriously damage the keyboard or adapter.
- Use the adapter and keyboard only in vehicles that have a 12-volt, negative ground electrical system

Most vehicle's have this type of system, but if you are unsure about a vehicle, contact the vehicle dealer. Using the adapter and keyboard with any other electrical system could damage the adapter, keyboard, or the vehicle's electrical system.



1. Set **MODE** to **POWER OFF**.
2. Connect the adapter's correct plug to the adapter's cord, matching **TIP** to negative (-).
3. Set the adapter's voltage switch to 9 volts.
4. Insert the adapter's barrel plug into the keyboard's **DC9V** jack.
5. Plug the adapter's plug into the vehicle's cigarette lighter socket.
6. Always disconnect the adapter when you finish using the keyboard.

Caution: To prevent a possible short circuit or damage to the vehicle's electrical system, always unplug the adapter from the cigarette lighter socket first.

OPERATION

PLAYING THE DEMONSTRATION TUNE

The keyboard includes a carefully programmed demonstration tune. Set **MODE** to **NORMAL**, press **DEMO** and listen to your keyboard showcase its many sounds. The demonstration tune plays in an endless loop. Press **DEMO** again to stop the tune.

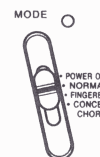
Note: You cannot operate the keyboard while the demonstration tune plays.

PLAYING THE KEYBOARD

1. Set **MAIN VOLUME** to **MIN**.



2. Set **MODE** to **NORMAL**.



3. Select a tone. See "Selecting a Preset Sound."

4. Play the keyboard, and adjust **MAIN VOLUME** for the desired volume.



5. Set **MODE** to **POWER OFF** to turn off the keyboard.



SELECTING A PRESET SOUND

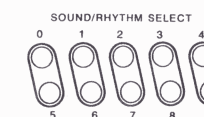
You can choose from 100 preset sounds. The name and number of each tone is printed on the keyboard's top panel. When you turn power on, **PIANO** (No.00) is automatically selected.

To select a sound, follow these steps.

1. Press **SOUND POLY/TEXTURE**.



2. Enter the two-digit number using the **SOUND/RHYTHM SELECT** number buttons. For example, to select **OBOE** (No.47), press 4 7.



3. To change the sound, repeat step 2 above.

When you enter a number, each digit of the sound number shifts to the left. You can use this function to select a sound by pressing only one **SOUND/RHYTHM SELECT**.

Selected sound	Press	Newly selected sound
No.50	0	No.00
No.00	2	No.02
No.02	5	No.25

Notes:

- Some of the preset sounds lets you play two or four sounds at the same time. One sound sounds in the left-hand portion of the keyboard while another sound sounds in the right. For example, BASS/PIANO (No.91) sounds bass on the left and piano on the right of the keyboard.
- Some of the sounds do not have a scale, but produce a different sound depending on the key you press. For example, try selecting INSECT (No.82) and play the keyboard.
- Some of the sounds are designed for play at less than maximum volume. With such sounds, **MAX** volume setting can cause distortion. Should this happen, use lower volume setting.

POLY/TEXTURE

SOUND also functions as **POLY/TEXTURE**. After you select the sound, press this button to switch both the texture (sound quality) between thin and thick and the polyphony of the sound between four-note polyphony and eight-note polyphony. The four-note setting lets you play up to four notes at a time and the eight-note setting lets you play up to eight notes at a time.

SELECTING AN AUTO-RHYTHM

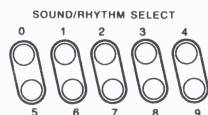
Your keyboard has 100 preprogrammed auto-rhythms that provide a steady beat for your music. The name and number of each rhythm is printed on the keyboard's top panel. When you turn the power on, ROCK 1 (No.00) is selected automatically.

To select a preprogrammed rhythm, follow these steps.

- Press **RHYTHM**.



- Enter the two-digit number by pressing **SOUND/RHYTHM SELECT**. For example, to select EURO BEAT 4 (No.24), press 2 4.



- To change the rhythm, repeat step 2 above.

As with tone selection, each digit of the rhythm number shifts to the left when you enter a number. You can use this function to select a tone by pressing only one **SOUND/RHYTHM SELECT**.

Selected rhythm	Press	Newly selected rhythm
No.50	0	No.00
No.00	2	No.02
No.02	5	No.25

PLAYING AN AUTO-RHYTHM

- After selecting an auto-rhythm, press **START/STOP** to start the rhythm.

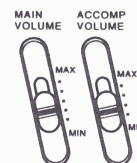


- Adjust the tempo using **TEMPO**. Press Δ to speed up the tempo or press ∇ to slow down.



You can adjust the tempo between 40 and 256 beats per minute.

- Adjust **MAIN VOLUME** and **ACCOMP VOLUME** for the desired sound balance.



- Press **START/STOP** again to stop auto-rhythm play.



USING FILL-IN

To insert a 1- to 2-measure variation in the rhythm pattern, press **FILL-IN** while the rhythm is playing. Hold the button down to repeat the fill-in pattern. When you release the button, the fill-in pattern ends at the end of the current measure.

Note: When playing an auto-rhythm, you can play only up to six notes or up to three notes at a time. Press **POLY/TEXTURE** to switch between two settings.

AUTO-ACCOMPANIMENT

Your keyboard can add a harmonic accompaniment to a selected rhythm pattern.

You can select from two types of auto-accompaniment — easy random fingering or standard fingering. Then use the accompaniment keyboard (the keys labeled with notes) to select the chord. You can use the rest of the keyboard to play the melody.

Easy Random Fingering

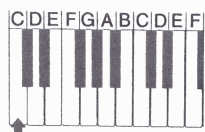
The easy random fingering method lets beginning keyboard players easily select a chord. The number of accompaniment keys pressed determines the type of chord. This chart shows the type of chord that plays when you press one, two, three, or four accompaniment keys at the same time.

The lowest note you play determines the key of the chord. For example, if the lowest note is C, the keyboard plays a C chord.

Number of Keys Pressed	Chord Type
1	Major chord
2	Minor chord
3	Seventh chord
4	Minor seventh

You Press

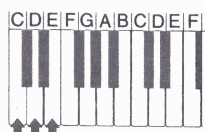
Name of Chord



C (C Major)



Cm (C Minor)



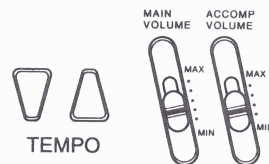
C7
(C Major Seventh)



Cm7
(C Minor Seventh)

If you want to start with the rhythm pattern only, press **START/STOP**. Then, when the rhythm pattern reaches the point where you want to start full accompaniment, press accompaniment key to start the full accompaniment.

- Adjust **TEMPO** Δ/∇ , **MAIN VOLUME** and **ACCOMP VOLUME**.



- Press **START/STOP** to stop the auto-accompaniment.



Note: You can press any labeled note(s) to the right of the lowest note to produce a minor, seventh, or minor seventh chord.

Follow these steps to play easy random fingering auto-accompaniment.

- Set **MODE** to **CONCERT CHORD**.

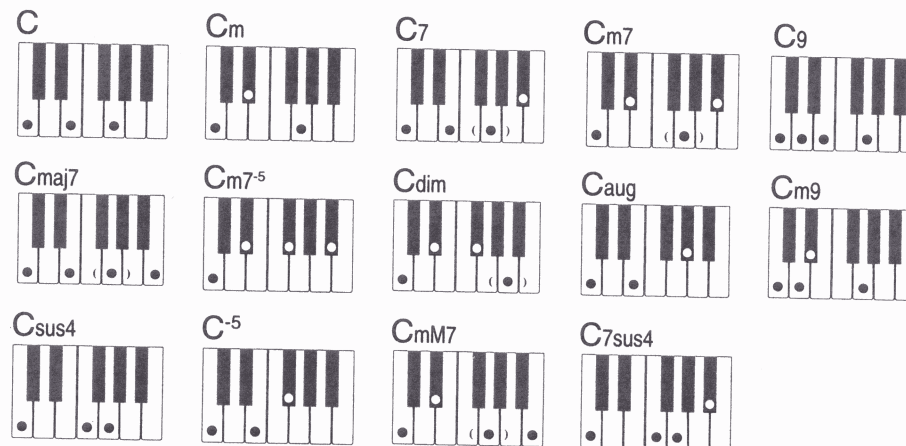


- Select one of the auto-rhythms. See "Selecting an Auto-Rhythm."
- Press one to four accompaniment key at the same time. The accompaniment starts.

Standard Fingering

The standard fingering method gives the experienced musician a wider variety of chord types. You can start an accompaniment pattern by pressing down standard formations of three or four notes.

You can play the following 14 chords types in any key using the standard fingering method. You can omit the fingerings within parentheses to produce C7, Cm7, Cmaj7, Cdim, or CmM7 chords.



Note: This example shows only one of the possible fingerings for each chord. You can play a chord in any combination of notes. For example, these fingerings product the same C chord.



Follow these steps to start the standard fingering accompaniment.

- Set **MODE** to **FINGERED**.

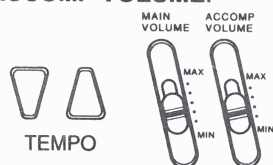


- Select one of the auto-rhythms. See "Selecting an Auto-Rhythm."
- Press either 3 or 4 proper accompaniment keys as shown above to start the accompaniment play. The corresponding accompaniment starts to play automatically.

Note: Fingered chord with less than 3 notes produces no response.

If you want to start with the rhythm pattern only, press **START/STOP**. Then, when the rhythm pattern reaches the point where you want to start full accompaniment, press accompaniment keys to start the full accompaniment.

4. Adjust **TEMPO** Δ/∇ , **MAIN VOLUME** and **ACCOMP VOLUME**.



5. Press **START/STOP** to stop the auto-accompaniment.



Note: When playing an auto-accompaniment, you can play only up to two notes or only one note at a time. Press **POLY/TEXTURE** to switch between two settings.

CONNECTING HEADPHONES

You can connect a pair of optional stereo headphones with a 1/4-inch plug to your keyboard so you can play in private. Your local Tandy store sells a wide variety of headphones.

To connect your headphones, insert the headphone's 1/4-inch plug into the keyboard's **PHONES/OUTPUT** jack.

Note: You cannot hear sound from the keyboard's speaker when headphones are connected.

Listening Safely

To protect your hearing, follow these guidelines when you use headphones.

- Set the volumes to the lowest setting before you begin listening. After you begin listening, adjust the volumes to comfortable setting.
- Do not listen at extremely high volume levels. Extended high-volume listening can lead to permanent hearing loss.
- Once you set the volume, do not increase it. Over time, your ears adapt to the volume level, so a volume level that does not cause discomfort might still damage your hearing.

CONNECTING AN EXTERNAL AMPLIFIER

You can increase your keyboard's sound output by connecting an optional external amplifier to the keyboard and connecting speakers to the amplifier.

To connect an external amplifier to your keyboard, use a connection cable with a 1/4-inch stereo plug. Insert the cable's plug into the keyboard's **PHONES/OUTPUT** jack and connect the other end of the cable to the amplifier's input jack(s) (AUX IN or TAPE IN).

Your local Tandy store sells a full line of amplifiers, speakers, and connection cables.

TROUBLESHOOTING

Trouble	Possible Cause	Remedy
No sound from the keyboard.	1. Headphones are connected. 2. Power supply problem.	1. Disconnect headphones. 2. Check the power supply. • Are batteries installed correctly? • Are batteries fresh? • Is adapter connected correctly?
No rhythm. No accompaniment.	ACCOMP VOLUME is set to MIN .	Slide ACCOMP VOLUME toward MAX .
No accompaniment even if accompaniment keys are pressed.	MODE is set to FINGERED and you pressed less than three keys for chord.	Press either 3 or 4 accompaniment keys.
Occasional interference.	Refrigerators, washing machines and similar electric appliances.	Use outlet as far away as possible from appliance thought to be the cause.
No sound when connected to external amplifier.	Defective connection cord.	Replace connection chord.

CARE AND MAINTENANCE

Your PK-200 is an example of superior design and craftsmanship. The following suggestions will help you care for the keyboard so you can enjoy it for years.



- Keep the keyboard dry. If it gets wet, wipe it dry immediately. Liquids can contain minerals that corrode the electronic circuits.



- Handle the keyboard gently and carefully. Dropping it can damage circuit boards and cases and can cause the keyboard to work improperly.



- Use and store the keyboard only in normal temperature environments. Temperature extremes can shorten the life of electronic devices, damage the batteries, and distort or melt plastic parts.



- Keep the keyboard away from dust and dirt, which can cause premature wear of parts.



- Wipe the keyboard with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the keyboard.

Modifying or tampering with the keyboard's internal components can cause a malfunction and might invalidate its warranty. If your keyboard is not performing as it should, take it to your local Tandy store for assistance.

SPECIFICATIONS

Number of keys:	49
Polyphony:	8-note (Max)
Preset tones:	100
Auto-rhythms:	100
Built-in speakers:	10 cm dia. (output = 1W) x 2
Demonstration tune:	1 (Classical Medley)
Auto-accompaniment:	CONCERT CHORD, FINGERED
Terminals:	PHONES/OUTPUT jack [output impedance: 120 ohms, output voltage: 3V(RMS)MAX], DC 9V jack
Power source:	3-way AC/DC power sources; AC: 240V, 50 Hz, with optional AC adapter. DC: 6 AA batteries. (Battery life: approx. 3 hours.) Vehicle battery: Requires optional vehicle adapter
Power consumption:	5.0W
Dimensions:	86 x 857 x 285 mm (3 ³ / ₈ x 33 ¹ / ₄ x 11 ¹ / ₄ inches)
Weight:	3.2kg (7.0 lbs)
Standard accessories:	Score stand

Design and specifications are subject to change without notice.